Claim Listing:

1. (Currently Amended) A compound of the formula

$$R^4$$
 $(X)_c$
 $(X)_c$

or a pharmaceutically acceptable salt thereof; wherein

a is 1, 2, 3, 4 or 5;

c is 0 or 1;

d is 1, 2, 3, 4 or 5;

k is 2; l is 0; m is 0;

W is N;

X is C(O), C(S) or CH_2 ;

Y is CH2;

Z is oxygen, NR⁹ or CR¹¹R¹²;

each R¹ is independently selected from hydrogen, hydroxy, hydroxysulfonyl, halo, (C₁-C6)alkyl, mercapto, mercapto(C₁-C6)alkyl, (C₁-C6)alkylthio, (C₁-C6)alkylsulfinyl, (C₁-C6)alkylsulfonyl, (C₁-C6)alkylthio(C₁-C6)alkyl, (C₁-C6)alkylsulfinyl(C₁-C6)alkyl, (C₁-C6)alkylsulfonyl(C₁-C6)alkyl, (C₁-C6)alkyl, (C₁-C6)alkylsulfonyl(C₁-C6)alkyl, (C₁-C6)alkoxy, (C6-C10)aryloxy, halo(C₁-C6)alkyl, trifluoromethyl, formyl, formyl(C₁-C6)alkyl, nitro, nitroso, cyano, (C6-C10)aryl(C₁-C6)alkoxy, halo(C₁-C6)alkoxy, trifluoromethoxy, (C3-C7)cycloalkyl, (C3-C7)cycloalkyl(C1-C6)alkyl, hydroxy(C3-C7)cycloalkyl(C1-C6)alkyl, (C3-C7)cycloalkylamino, (C3-C7)cycloalkylamino(C1-C6)alkyl, ((C3-C7)cycloalkyl)((C1-C6)alkyl)amino, ((C3-C7)cycloalkyl(C1-C6)alkyl)amino(C1-C6)alkyl, cyano(C1-C6)alkyl, (C2-C7)alkynyl, (C6-C10)aryl, (C6-C10)aryl(C1-C6)alkyl, hydroxy(C1-C6)alkyl, hydroxy(C6-C10)aryl(C1-C6)alkyl, hydroxy(C1-C6)alkyl, hydroxy(C1-C6)alkyl,

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 $\label{eq:condition} \mbox{hydroxy}(C_2-C_6) \mbox{alkenyl, hydroxy}(C_2-C_6) \mbox{alkynyl, } (C_1-C_6) \mbox{alkoxy}(C_6-C_6) \mbox{alkenyl, hydroxy}(C_6-C_6) \m$ $C_{10}) \text{aryl}(C_1-C_6) \text{alkyl}, (C_6-C_{10}) \text{aryloxy}(C_1-C_6) \text{alkyl}, (C_6-C_{10}) \text{aryl}(C_1-C_6) \text{alkoxy}(C_1-C_6) \text{alkyl}, \text{amino},$ (C_1-C_6) alkylamino, $((C_1-C_6)$ alkyl)₂amino, (C_6-C_{10}) arylamino, (C_6-C_{10}) aryl (C_1-C_6) alkylamino, $amino(C_1-C_6)alkyl, (C_1-C_6)alkylamino(C_1-C_6)alkyl, ((C_1-C_6)alkyl)_2 amino(C_1-C_6)alkyl, hydroxy(C_1-C_6)alkyl)_2 amino(C_1-C_6)alkyl, hydroxy(C_1-C_6)alkyl, hydroxy(C_1-C_6)$ $C_6) alkylamino (C_1-C_6) alkyl, (C_6-C_{10}) arylamino (C_1-C_6) alkyl, (C_6-C_{10}) aryl (C_1-C_6) alkylamino (C_1-C_6) alkylamino$ $C_6) alkyl, (C_1 - C_6) alkyl carbonylamino, ((C_1 - C_6) alkyl carbonyl) ((C_1 - C_6) alkyl) amino, (C_1 - C_6) alkyl carbonylamino), (C_1$ $C_6) alkyl carbonyl amino (C_1-C_6) alkyl, ((C_1-C_6)alkyl carbonyl) ((C_1-C_6)alkyl) amino (C_1-C_6) alkyl, (C_1-C_6)alkyl carbonyl amino (C_1-C_6) alkyl, (C_1-C_6)alkyl carbonyl amino (C_1-C_6) alkyl carbonyl (C_1-C_6) alkyl (C_1-C_$ C₆)alkoxycarbonylamino, ((C₁-C₆)alkoxycarbonyl)((C₁-C₆)alkyl)amino, (C₁- $C_6) alkoxy carbonylamino (C_1-C_6) alkyl, ((C_1-C_6)alkoxy carbonyl) ((C_1-C_6)alkyl) amino (C_1-C_6) alkyl, ((C_1-C_6)alky$ carboxy, (C1-C6)alkoxycarbonyl, (C6-C10)aryl(C1-C6)alkoxycarbonyl, (C1-C6)alkylcarbonyl, (C1-C6)alkylcarbonyl, (C1-C6)alkoxycarbonyl, (C1 C_6) alkylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_{10}) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_1) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_1) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_1) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_1) arylcarbonyl (C_1 - C_6) alkyl, (C_6 - C_1) arylcarbonyl (C_1 - C_1) arylcarbonyl (C_1 - C_2) alkyl, (C_1 - C_2) alkyl, (C_2 - C_1) arylcarbonyl (C_1 - C_2) alkyl, (C_2 - C_1) arylcarbonyl (C_1 - C_2) arylcarbonyl (C_1 - C_2) arylcarbonyl (C_1 - C_2) alkyl, (C_2 - C_1) arylcarbonyl (C_1 - C_2) alkyl, (C_2 - C_2) arylcarbonyl (C_1 - C_2) alkyl, (C_2 - C_2) arylcarbonyl (C_1 - C_2) arylcarbonyl (C_2 - C_2) arylcarbonyl (C_1 - C_2) arylcarbonyl (C_2 - C_2 - C_2) arylcarbonyl (C_2 - C_2 - C_2) arylcarbonyl (C_2 - C_{10})aryl (C_1-C_6) alkylcarbonyl, (C_6-C_{10}) aryl (C_1-C_6) alkycarbonyl (C_1-C_6) alkyl, carboxy (C_1-C_6) alkyl, $(C_1-C_6) alkoxy carbonyl (C_1-C_6) alkyl, (C_6-C_{10}) aryl (C_1-C_6) alkoxy carbonyl (C_1-C_6) alkyl, (C$ C_6) alkoxy (C_1-C_6) alkylcarbonyloxy (C_1-C_6) alkyl, aminocarbonyl, (C_1-C_6) alkylaminocarbonyl, $((C_1-C_6)$ alkylaminocarbonyl, $((C_1-C_6)$ alkylaminocarbonyl) $C_6) alkyl)_2 aminocarbonyl, (C_6-C_{10}) arylaminocarbonyl, (C_6-C_{10}) aryl(C_1-C_6) alkylaminocarbonyl, (C_6-C_{10}) arylaminocarbonyl, (C_6-C_{10}) ary$ $aminocarbonyl(C_1-C_6)alkyl, (C_1-C_6)alkylaminocarbonyl(C_1-C_6)alkyl, ((C_1-C_6)alkyl, ((C_1-C_6)alkyl,$ $C_6) alkyl)_2 aminocarbonyl (C_1-C_6) alkyl, (C_6-C_{10}) arylaminocarbonyl (C_1-C_6) alkyl, (C_1-C_6) alk$ C₆)alkylaminocarbonyl(C₁-C₆)alkyl, amidino, guanidino, ureido, (C₁-C₆)alkylureido, ((C₁-C₆)alkylureido, $C_6) alkyl)_2 ureido, ureido(C_1-C_6) alkyl, (C_1-C_6) alkylureido(C_1-C_6) alkyl, ((C_1-C_6) alkyl)_2 ureido(C_1-C_6) alkylureido(C_1-C_6) alkylureido(C_$ $C_6) alkyl, (C_2-C_9) heterocycloalkyl, (C_2-C_9) heteroaryl, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkyl and (C_2-C_9) heterocycloalkyl (C_1-C_6) alkyl (C_2-C_9) heterocycloalkyl (C$ C₀)heteroaryl(C₁-C₆)alkyl;

 R^4 is $(R^5Q_q)_f(C_6-C_{10})$ aryl, $(R^5Q_q)_f(C_3-C_{10})$ cycloalkyl, $(R^5Q_q)_f(C_2-C_9)$ heteroaryl, $(R^5Q_q)_f(C_2-C_9)$ heterocycloalkyl,

wherein f is 0, 1, 2, 3, 4 or 5;

Q is (C₁-C₆)alkyl;

q is 0 or 1;

 R^5 is independently selected from: (C_2-C_9) heterocycloalkylcarbonyl, (C_2-C_9) heteroarylcarbonyl, (C_2-C_9) heteroaryl (C_1-C_6) alkylaminocarbonyl, (C_2-C_9) heteroarylaminocarbonyl, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkylaminocarbonyl, (C_1-C_9) heterocycloalkyl $(C_1-C_9$

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 $C_6) alkyl sulfonylamino (C_1-C_6) alkyl sulfonylamino (C_1-C_6) alkylamino carbonyl, ureido (C_1-C_6) alkyl sulfonylamino ($ $C_6) alkylaminocarbonyl, (C_1-C_6) alkylureido (C_1-C_6) alkylaminocarbonyl, ((C_1-C_6) alkyl)_2 ureido (C_1-C_6) alkylureido (C_1$ $C_6) alkylaminocarbonyl, halo (C_1-C_6) alkylaminocarbonyl, (C_1-C_6) alkylcarbonylamino (C_1-C_6) alkylaminocarbonyl, halo (C_1-C_6) alkylaminocarbonyl,$ C₆)alkylaminocarbonyl, hydroxy(C₁-C₆)alkylaminocarbonyl, aminosulfonyl(C₁- C_6) alkylaminocarbonyl, carboxy(C_1 - C_6) alkylaminocarbonyl, (C_1 - C_6) alkylaminosulfonyl(C_1 -C₆)alkylaminocarbonyl, amino(C₁-C₆)alkylcarbonylamino, (C₁-C₆)alkylamino(C₁- C_6) alkylcarbonylamino, carboxy(C_1 - C_6) alkylcarbonylamino, carboxy(C_1 - C_6) alkoxycarbonylamino, $((C_1-C_6)alkyl)_2amino(C_1-C_6)alkylcarbonylamino, acetylamino(C_1-C_6)alkylcarbonylamino,$ $(acetyl)((C_1\text{-}C_6)alkyl)amino(C_1\text{-}C_6)alkylcarbonylamino, (C_1\text{-}C_6)alkylsulfonylamino(C_1\text{-}C_6)alkylsulfonylamino)$ C₆)alkylcarbonylamino, cyanoguanidino(C₁-C₆)alkylcarbonylamino, (C₁- $C_6) alkyl cyanoguanidino (C_1-C_6) alkyl carbonylamino, ((C_1-C_6) alkyl)_2 cyanoguanidino (C_1-C_6) alkyl cyanoguanidino$ $C_6) alkyl carbonylamino, amino carbonyl (C_1-C_6) alkyl carbonylamino, amino carbonylamino (C_1-C_6) alkyl carbonylamino$ C_6) alkylcarbonylamino, (C_1 - C_6) alkylaminocarbonylamino(C_1 - C_6) alkylcarbonylamino, ((C_1 - C_6) alkylca C₆)alkyl)₂aminocarbonylamino(C₁-C₆)alkylcarbonylamino, (C₂-C₉)heteroaryl(C₁-C₆)alkylcarbonylamino, (C₂-C₉)heterocycloalkyl(C₁-C₆)alkylcarbonylamino, aminosulfonyl(C₁-C₆)alkylcarbonylamino, hydroxy(C₁-C₆)alkylureido, amino(C₁-C₆)alkylureido, (C₁- $C_6) alkylamino (C_1-C_6) alkylure ido, ((C_1-C_6)alkyl)_2 amino (C_1-C_6) alkylure ido, (C_2-C_6) alkylure ido, (C_3-C_6) a$ $C_9) heterocycloalkyl (C_1-C_6) alkylure ido, (C_2-C_9) heteroarylure ido, (C_2-C_9) heteroaryl (C_1-C_9) heteroarylure ido, (C_2-C_9) heteroarylure ido, (C_2 C_6) alkylure ido, (C_1-C_6) alkylsulfonylure ido, aminosulfonyl(C_1-C_6) alkylure ido, aminocarbonyl(C_1-C_6) alkylure$ C₆)alkylureido, (C₁-C₆)alkylaminocarbonyl(C₁-C₆)alkylureido, ((C₁-C₆)alkyl)₂aminocarbonyl(C₁- C_6) alkylureido, acetylamino (C_1-C_6) alkylureido, $(acetyl)((C_1-C_6)$ alkylureido, acetylamino (C_1-C_6) acetylamino (C_1-C_6) alkylureido, acetylamino (C_1-C_6) acetylamino (C_1-C_6) alkylureido, acetylamino (C_1-C_6) alkylureido, acetylamino (C_1-C_6) alkylureido, acetylamino $(C_1-C$ $carboxy (C_1-C_6) alkylure ido, \ halo (C_1-C_6) alkyl sulfonylamino, \ amino (C_1-C_6) alkyl sulfonylamino, \ (C_1-C_6) alkyl sul$ $C_6) alkylamino (C_1-C_6) alkylsul fonylamino, ((C_1-C_6) alkyl)_2 amino (C_1-C_6) alkylsul fonylamino,$ $acetylamino (C_1-C_6) alkyl sulfonylamino, (acetyl) ((C_1-C_6) alkyl) amino (C_1-C_6) alkyl sulfonylamino, (acetyl) ((C_1-C_6) alkyl sulfonylamino, (acetyl) ($ ureido(C₁-C₆)alkylsulfonylamino, (C₁-C₆)alkylureido(C₁-C₆)alkylsulfonylamino, ((C₁- C_6)alkyl) $_2$ ureido(C_1 - C_6)alkylsulfonylamino, (C_1 - C_6)alkylsulfonylamino, cyanoguanidino(C1-C6)alkylsulfonylamino, carboxy(C1-C6)alkylsulfonylamino, (C1- $C_6) alkyl cyanoguanidino (C_1-C_6) alkyl sulfonylamino, ((C_1-C_6) alkyl)_2 cyanoguanidino (C_1-C_6) alkyl sulfonylamino, ((C_1-C_6) alkyl)_2 cyanoguanidino (C_1-C_6) alkyl sulfonylamino, ((C_1-C_6) alkyl sulfonylamino), ((C_1-C$ C₆)alkylsulfonylamino, aminocarbonyl(C₁-C₆)alkylsulfonylamino, (C₁-

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 C_6) alkoxycarbonylamino (C_1 - C_6) alkylsulfonylamino, aminosulfonylamino carbonyl, (C_1 - C_6) alkylaminosulfonylaminocarbonyl, $((C_1-C_6)$ alkyl)₂ aminosulfonylaminocarbonyl, (C_6-C_6) $C_{10}) ary lsul fonyl, (C_1-C_6) alkylaminosul fonylamino, ((C_1-C_6) alkyl)_2 aminosul fonylamino,\\$ aminocarbonyl(C1-C6)alkylamino(C1-C6)alkylsulfonylamino, (C2-C₉)heterocycloalkyloxycarbonylamino(C₁-C₆)alkylsulfonylamino, (C₂-C₉)heteroaryloxycarbonylamino(C₁-C₆)alkylsulfonylamino, cyanoguanidino, (C₁- C_6) alkylcyanoguanidino, $((C_1-C_6)$ alkyl)₂ cyanoguanidino, (C_2-C_9) heterocycloalkylcyanoguanidino, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkylcyanoguanidino, (C_2-C_9) heteroaryl (C_1-C_9) C_6) alkylcyanoguanidino, amino (C_1-C_6) alkylcyanoguanidino, (C_1-C_6) alkylamino (C_1-C_6) $C_6) alkyl cyanoguanidino, ((C_1-C_6)alkyl)_2 amino (C_1-C_6) alkyl cyanoguanidino, amino carbonyl (C_1-C_6) alkyl cyanoguanidino, ((C_1-C_6)alkyl)_2 amino ((C_1-C_6)alkyl)_2 am$ C_6) alkyleyanoguanidino, carboxy (C_1-C_6) alkyleyanoguanidino, (C_1-C_6) alkyleyanoguanidino, carboxy (C_1-C_6) alkyleyanoguanidino, (C_1-C_6) alkyleyan $C_6) alkyl cyanoguanidino, ((C_1-C_6)alkyl)_2 aminocarbonyl (C_1-C_6)alkyl cyanoguanidino, hydroxy (C_1-C_6)alkyl cyanoguanidino, hyd$ C₆)alkylamino, aminocarbonyl(C₁-C₆)alkylamino, carboxy(C₁-C₆)alkylamino, (C₁- $C_6) alkyl sulfonylamino (C_1-C_6) alkylamino, (C_1-C_6) alkoxycarbonylamino (C_1-C_6) alkylamino,\\$ $aminosulfonyl (C_1-C_6) alkylamino, (C_2-C_9) heteroaryl (C_1-C_6) alkylamino, acetylamino (C_1-C_6) alkylamino, acetylamino (C_1-C_6) alkylamino, acetylamino (C_1-C_6) alkylamino, acetylamino (C_1-C_6) alkylamino (C_$ $C_6) alkylamino, (acetyl) ((C_1-C_6)alkyl) amino (C_1-C_6)alkylamino, (C_2-C_9) heterocycloalkyl (C_1-C_6)alkylamino) (C_1-C_6)alkylamino) (C_2-C_9) heterocycloalkyl (C_1-C_6)alkylamino) (C_2-C_9) heterocycloalkyl (C_1-C_6)alkylamino) (C_1-C_6)alk$ $C_6) alkylamino, ((C_1-C_6)alkyl)_2 amino (C_1-C_6) alkylamino, (C_1-C_6) alkylamino,$ C_6) alkoxy (C_1-C_6) alkylamino, (C_1-C_6) alkoxy carbony (C_1-C_6) alkylamino, cyano (C_1-C_6) alkylamino, (C2-C9)heterocycloalkyloxycarbonylamino(C1-C6)alkylamino, (C2- $\label{eq:constraint} C_9) heteroaryloxy carbonylamino (C_1-C_6) alkylamino, cyanoguanidino (C_1-C_6) alkylamino, (C_1-C_6) alkylamino, cyanoguanidino (C_1-C_6) alkylamino (C_$ $C_6) alkyl cyanoguanidino (C_1-C_6) alkylamino, ((C_1-C_6)alkyl)_2 cyanoguanidino (C_1-C_6) alkylamino, ((C_1-C_6)alkylamino, ((C_$ ureido(C1-C6)alkylamino, (C1-C6)alkylureido(C1-C6)alkylamino, ((C1-C6)alkyl)2ureido(C1-C6)alkyl C_6) alkylamino, aminocarbonyloxy (C_1 - C_6) alkylamino, hydroxy (C_1 - C_6) alkylcarbonylamino, (C_1 - $C_6) alkylaminocarbonyl (C_1-C_6) alkylcarbonylamino, ((C_1-C_6)alkyl)_2 aminocarbonyl (C_1-C_6)alkylcarbonylamino, ((C_1-C_6)alkylcarbonylamino, ((C_1-C_$ C₆)alkylcarbonylamino, (C₁-C₆)alkoxycarbonylamino(C₁-C₆)alkylcarbonylamino, $aminosulfonyl (C_1-C_6) alkyl carbonylamino, \ hydroxy (C_1-C_6) alkylamino (C_1-C_6) alkyl carbonylamino, \ hydroxy (C_1-C_6) alkyl car$ $((C_1-C_6)alkyl)_2 amino (C_1-C_6)alkylamino (C_1-C_6)alkylamino$ $C_6) alkylamino (C_1-C_6) alkylcarbonylamino, amino (C_1-C_6) alkylamino (C_1-C_6) alkylcarbonylamino, amino (C_1-C_6) alkylcarbonylamin$ (C₁-C₆)alkoxy(C₁-C₆)alkylamino(C₁-C₆)alkylcarbonylamino, (C₂-

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C₉)heterocycloalkyloxycarbonylamino, (C₂-C₉)heteroarylcarbonylamino(C₁- $C_6) alkyl carbonylamino, (C_2-C_9) heteroaryl carbonylamino, (C_2-C_9) heterocycloalkyl carbonylamino,\\$ $(C_2-C_9) heteroaryl (C_1-C_6) alkyl carbonylamino, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkyl carbonylamino, (C_2-C_9) heteroaryl (C_1-C_6) alkyl carbonylamino, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkyl ($ $(C_2\text{-}C_9) heterocycloalkyl carbonylamino (C_1\text{-}C_6) alkyl carbonylamino, \ cyano (C_1\text{-}C_6) alkyl carbonylamino (C_1\text{-}C_6$ $C_6) alkyl carbonylamino, \ (C_1\text{-}C_6) alkyl sulfonylamino (C_1\text{-}C_6) alkylamino carbonylamino, \ (C_1\text{-}C_6) alkylamino (C_1\text{-}C_6) alkylamin$ C₆)alkoxycarbonylamino(C₁-C₆)alkylaminocarbonylamino, (C₂-C₀)heterocycloalkyloxycarbonylamino(C₁-C₆)alkylaminocarbonylamino, (C₂-C₉)heteroaryloxycarbonylamino(C₁-C₆)alkylaminocarbonylamino, ureido(C₁-C₆)alkylureido, (C₁-C₆)alkylureido(C₁-C₆)alkylureido, ((C₁-C₆)alkyl)₂ureido(C₁-C₆)alkylureido, cyanoguanidino(C₁-C₆)alkylureido, (C₂-C₉)heteroaryl(cyanoguanidino), aminosulfonyl, amino(C₁-C₆)alkylsulfonyl, (C1-C6)alkylamino(C1-C6)alkylsulfonyl, ((C1-C6)alkyl)2amino(C1-C6)alkylsulfonyl, (C1- C_6) alkylaminosulfonyl, $((C_1-C_6)$ alkyl) 2 aminosulfonyl, (C_2-C_9) heterocycloalkylsulfonyl, amino (C_1-C_6) alkyl C₆)alkylaminosulfonyl, (C₁-C₆)alkylamino(C₁-C₆)alkylaminosulfonyl, ((C₁-C₆)alkyl)₂amino(C₁-C₆)alkylaminosulfonyl, (C₂-C₉)heteroarylaminosulfonyl, hydroxy(C₁-C₆)alkylaminosulfonyl, (C₁- $C_6) alkoxy (C_1 - C_6) alkylaminosul fonyl, \ ure ido (C_1 - C_6) alkylaminosul fonyl, \ (C_1 - C_6) alkylaminosul fon$ C₆)alkylaminosulfonyl, ((C₁-C₆)alkyl)₂ureido(C₁-C₆)alkylaminosulfonyl, (C₁- $C_6) alkyl sulfonylamino (C_1-C_6) alkylamino sulfonyl, (C_1-C_6) alkoxycarbonylamino (C_1-C_6) alkylamino (C_1-$ C₆)alkylaminosulfonyl, (C₂-C₉)heterocycloalkyloxycarbonylamino(C₁-C₆)alkylaminosulfonyl, (C₂-C₉)heteroaryloxycarbonylamino(C₁-C₆)alkylaminosulfonyl, aminocarbonyl(C₁-C₆)alkylaminosulfonyl, cyanoguanidino(C₁-C₆)alkylaminosulfonyl, (C₂-C₉)heteroarylaminosulfonyl, (C₂-C₉)heteroaryl(C₁-C₆)alkylaminosulfonyl, (C₂-C₉)heterocycloalkylaminosulfonyl, (C₁-C₆)alkylcarbonylaminosulfonyl, halo(C₁-C₆)alkylcarbonylaminosulfonyl, (C₁-C₆)alkoxycarbonylaminosulfonyl, ureidosulfonyl, (C₁- C_6)alkylureidosulfonyl, ((C_1 - C_6)alkyl) $_2$ ureidosulfonyl, hydroxy, hydroxy, hydroxysulfonyl, halo, mercapto, (C1-C6)alkylthio, (C1-C6)alkylsulfinyl, (C1-C6)alkylsulfonyl, carboxy(C1- C_6) alkylsulfonyl, (C_6-C_{10}) arylsulfonyl, (C_2-C_9) heteroarylsulfonyl, (C_1-C_6) alkoxy, hydroxy (C_1-C_9) C6)alkoxy, (C6-C10)aryloxy, trifluoro(C1-C6)alkyl, formyl, nitro, nitroso, cyano, halo(C1-C6)alkoxy, trifluoro(C1-C6)alkoxy, amino(C1-C6)alkoxy, (C3-C10)cycloalkylhydroxy(C3-C10)cycloalkyl (C3- C_{10})cycloalkylamino(C_2 - C_6)alkenyl, (C_6 - C_{10})aryl, (C_6 - C_{10})aryl, (C_6 - C_{10})aryl(C_2 - C_6)alkenyl,

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 $\label{eq:convergence} \mbox{hydroxy}(C_6-C_{10})\mbox{aryl, } ((C_1-C_6)\mbox{alkylamino})(C_6-C_{10})\mbox{aryl, hydroxy}(C_1-C_6)\mbox{alkylamino}, \mbox{hydroxy}(C_2-C_6)\mbox{alkylamino})$ $C_6) alkenyl, \ hydroxy(C_2-C_6) alkynyl, \ (C_1-C_6) alkoxy(C_6-C_{10}) aryl, \ (C_6-C_{10}) aryl(C_1-C_6) alkoxy, \ amino, \ arrive and \ arrive are left and \ arrive are left and \ arrive arrive are left and \ arrive arrive are left and \ arrive arrive are left arrive a$ (C_1-C_6) alkylamino, $((C_1-C_6)$ alkyl)₂amino, (C_6-C_{10}) arylamino, (C_6-C_{10}) aryl (C_1-C_6) alkylamino, amino(C1-C6)alkylamino, (C2-C9)heterocycloalkylamino, (C2-C9)heteroarylamino, (C2-C9)heteroarylamino, (C2-C9)heteroarylamino, (C2-C9)heteroarylamino, (C2-C9)heterocycloalkylamino, (C2-C9)heteroarylamino, (C2-C9)heterocycloalkylamino, (C2-C9)heteroarylamino, (C2-C9)heterocycloalkylamino, (C2-C9)heteroarylamino, (C2-C9)heterocycloalkylamino, (C2-C9)heteroarylamino, C_9)heteroaryl (C_1-C_6) alkylamino, (C_2-C_9) heterocycloalkyl (C_1-C_6) alkylamino, (C_3-C_9) heterocycloalkylamino, (C_3-C_9) heterocycloalkylamino, (C10)cycloalkyl((C1-C6)alkyl)amino, (C1-C6)alkylcarbonylamino, (C1-C6)alkoxycarbonylamino, (C2- C_6) alkenylcarbonylamino, (C_3 - C_{10}) cycloalkylcarbonylamino, (C_6 - C_{10}) arylcarbonylamino, (C_2 -C₉)heterocycloalkylcarbonylamino, (C₂-C₉)heteroaryloxycarbonylamino, (C₂-C₉)heterocycloalkoxycarbonylamino, halo(C₁-C₆)alkylcarbonylamino, (C₁-C₆)alkoxy(C₁- C_6) alkylcarbonylamino, (C_1-C_6) alkoxycarbonyl (C_1-C_6) alkylcarbonylamino, $((C_1-C_6)$ alkylcarbonylamino, $C_6) alkyl carbonyl) ((C_1-C_6) alkyl) amino, ((C_1-C_6) alkoxycarbonyl) ((C_1-C_6) alkyl) amino, (C_1-C_6) alkyl) amino, (C$ $C_6) alkyl sulfonylamino, ((C_1-C_6)alkyl carbonyl) ((C_1-C_6)alkyl) amino, (C_3-C_{10}) cycloalkyl ((C_1-C_6)alkyl carbonyl) ((C_1-C_6)alkyl carb$ $C_6) alkyl) amino, ((C_1-C_6) alkyl sulfonyl) ((C_1-C_6) alkyl) amino, (C_2-C_9) heteroary is ulfonylamino, (C_6-C_6) alkyl) amino, (C_6-C_6) alkyl)$ $C_{10}) ary lsul fonylamino, ((C_6-C_{10}) ary lsul fonyl) ((C_1-C_6) alkyl) amino, carboxy, (C_1-C_6) alkoxycarbonyl, (C_1-C_6) alkyl) amino, carboxy, (C_1-C_6) alkoxycarbonyl, (C_1-C_6) alkyl) amino, carboxy, (C_1-C_6) alkyl) amino, (C_1-C_6) alkyl) amino,$ $(C_6-C_{10}) \text{aryl} (C_1-C_6) \text{alkoxycarbonyl, } (C_1-C_6) \text{alkylcarbonyl, carboxy} (C_1-C_6) \text{alkylcarbonyl, amino} (C_1-C_6) \text{alkylca$ C_6)alkylcarbonyl, (C_1-C_6) alkylamino (C_1-C_6) alkylcarbonyl, $((C_1-C_6)$ alkyl)₂amino (C_1-C_6) alkylcarbonyl, $C_6) alkyl carbonyl, (C_6-C_{10}) aryl carbonyl, (C_2-C_9) heteroaryl (C_1-C_6) alkyl carbonyl, (C_6-C_{10}) aryl (C_6-C_{$ $\label{eq:condition} C_6) alkyl carbonyl, \ hydroxy (C_1-C_6) alkoxy carbonyl, \ (C_1-C_6) alkoxy (C_1-C_6) alkyl carbonyloxy, \ ((C_1-C_6)alkoxy (C_1-C_6)alkyl carbonyloxy), \ ((C_1-C_6)alkyl carbonyloxy), \ ((C_1-C_6)a$ C₆)alkyl)₂aminocarbonyloxyaminocarbonyl, hydroxyaminocarbonyl, (C₁-C₆)alkylaminocarbonyl, $((C_1-C_6)alkyl)_2 aminocarbonyl, (C_6-C_{10})arylaminocarbonyl, (C_6-C_{10})aryl(C_1-C_6)alkylaminocarbonyl, (C_6-C_{10})aryl(C_1-C_6)alkylaminocarbonyl, (C_6-C_{10})arylaminocarbonyl, (C_6-C_{10})arylaminocarbonyl$ $aminocarbonyl (C_1-C_6) alkylaminocarbonyl, (C_1-C_6) alkylaminocarbonyl (C_1-C_6) alkylaminocarbonyl, (C_1-C_6) alkylaminoc$ $(carboxy (C_1-C_6) alkyl) a minocarbonyl, (C_1-C_6) alkoxycarbonyl (C_1-C_6) alkylaminocarbonyl, (C_1-C_6) alkylaminocarbony$ $(amino(C_1-C_6)alkyl) aminocarbonyl, \ hydroxy(C_1-C_6)alkylaminocarbonylamidino, \ hydroxyamidino,$ guanidino, ureido, (C1-C6)alkylureido, (C6-C10)arylureido, ((C6-C10)aryl)2ureido, (C6-C10)aryl(C1- $C_6) alkylureido, \ halo(C_1-C_6) alkylureido, \ ((C_1-C_6)alkyl)((C_6-C_{10})aryl) ureido, \ ((C_1-C_6)alkyl)_2 ureido, \ ((C_1-C_6)alkyl)_2 ureido, \ ((C_1-C_6)alkyl)_3 ureido, \ ((C_1-C$ $\label{eq:local_constraints} \\ \text{halo}(C_1\text{-}C_6)\\ \text{alkyl})\\ \text{((C_1\text{-}C_6)alkyl)}\\ \text{((C_1\text{-}C_6)alkyl)}\\ \text{ureido, ((C_1\text{-}C_6)alkyl)}\\ \text{((C_1\text{-}C_6)alkyl)}\\ \text{((C$ C₆)alkoxycarbonyl(C₁-C₆)alkyl)ureido, glycinamido, (C₁-C₆)alkylglycinamido, $amino carbonyl glycinamido, (C_1-C_6) alkoxy (C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl) ((C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl) ((C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl glycinamido, (C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl glycinamido, (C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl glycinamido, (C_1-C_6) alkyl carbonyl glycinamido, (C_1-C_6) alkyl carbonyl glycinamido, (C_1-C_6) alkyl carbonyl glycinamido, (amino carbonyl glycinamido, (C_1-C_6) alkyl carbony$ $C_6) alkyl) glycinamido, ((C_1-C_6) alkoxycarbonyl (C_1-C_6) alkylcarbonyl) ((C_1-C_6) alkyl) glycinamido, ((C_1-C_6) alky$

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 $((C_1-C_6)alkoxycarbonylamino (C_1-C_6)alkylcarbonyl) glycinamido, (C_6-C_{10}) arylcarbonyl glycinamido,\\$ $((C_6-C_{10}) arylcarbonyl) ((C_1-C_6) alkyl) glycinamido, \\ ((C_6-C_{10}) aryl(C_1-C_6) alkyl) glycinamido, \\ ((C_6-C_{10}) arylcarbonyl) ((C_1-C_6) alkyl) glycinamido, \\ ((C_6-C_{10}) alkyl) ((C_1-C_6) alkyl) ((C_1-C_6) alkyl) glycinamido, \\ ((C_6-C_{10}) alkyl) ((C_1-C_6) alkyl)$ $C_6) alkylaminocarbonyl) glycinamido, ((C_6-C_{10}) aryl (C_1-C_6) alkylaminocarbonyl) ((C_1-C_6) alkylaminocarbonyl) ((C_$ C₆)alkyl)glycinamido, (C₆-C₁₀)arylaminocarbonylglycinamido, ((C₆-C₁₀)arylaminocarbonyl)((C₁-C₆)alkyl)glycinamido, alaninamido, (C₁-C₆)alkylalaninamido, (C₂-C₉)heteroaryl, amino(C₂- $C_9) heteroaryl, (C_1-C_6) alkylamino (C_2-C_9) heteroaryl, ((C_1-C_6) alkyl)_2 amino (C_2-C_9) heteroaryl, (C_2-C_9) heteroaryl, (C_3-C_9) heteroaryl,$ C_9)heteroaryloxy, (C_2-C_9) heterocycloalkyl, carboxy (C_1-C_6) alkoxy, (C_1-C_6) a $C_6) alkyl sulfonylamino carbonyl (C_1-C_6) alkoxy, (C_1-C_6) alkyl sulfonylamino (C_1-C_6) alkoxy, (C_2-C_6) alkyl sulfonylamino (C_1-C_6) al$ $C_9) heteroaryl (C_1-C_6) alkoxy, \ carboxy (C_1-C_6) alkylamino (C_2-C_6) alkoxy, \ amino (C_$ $(aminocarbonyl) (hydroxy) amino, (C_1-C_6) alkylamino (C_2-C_6) alkoxy, ((C_1-C_6) alkyl)_2 amino (C_2-C_6) alkylamino (C_2-C_6) alky$ C₆)alkoxy, (C₁-C₆)alkylcarbonylamino(C₂-C₆)alkoxy, aminocarbonylamino(C₂-C₆)alkoxy, (C₁- $C_6) alkylamino carbonylamino (C_2-C_6) alkoxy, ((C_1-C_6)alkyl)_2 amino carbonylamino (C_2-C_6) alkyl)_2 amino (C$ amino(C2-C6)alkoxycarbonylamino, (C1-C6)alkylamino(C2-C6)alkoxycarbonylamino, ((C1-C₆)alkyl)₂amino(C₂-C₆)alkoxycarbonylamino, (C₂-C₉)heteroarylamino(C₂-C₆)alkoxy, barbituryl, (C_1-C_6) alkylcarbonylamino (C_1-C_6) alkylaminocarbonyl, $\frac{carboxy(C_1-C_6)}{carboxy(C_1-C_6)}$ alkylaminocarbonylamino, (C_2-C_9) heteroarylaminocarbonylamino, $((C_1-C_6)$ alkylamino) (C_6-C_{10}) aryl (C_1-C_6) alkyl, amino (C_4-C_{10}) $C_6) alkoxyearbonylamino, (C_4-C_6) alkyl, halo (C_4-C_6) alkyl, aminocearbonyl, ureido (C_4-C_6) alkyl, aminocearbonyl, aminocearbonyl, ureido (C_4-C_6) alkyl, aminocearbonyl, aminocearbo$ $C_6) alkyl carbonylamino, (C_4-C_6) alkyl carbonylamino (C_4-C_6) alkyl carbonylamino, (C_4$ C_6)alkylearbonylamino (C_1-C_6) alkylaminocarbonylamino, amino (C_1-C_6) alkylcarbonylamino where the (C1-C6)alkyl is optionally substituted with one or two groups selected from hydrogen, amino, hydroxyl, (C1-C6)alkoxy, carboxy, further substituted (C2-C9)heteroaryl, (C6-C10)aryl, (C2-Co)heterocycloalkyl, and cycloalkyl, or the two groups together make up a carbocycle; and R¹⁹carbonylamino where R¹⁹ is a nitrogen containing (C₂-C₉)heterocycloalkyl which is optionally substituted further with one or two groups selected from (C1-C6)alkyl, (C2-C6)alkoxy and hydroxy; R⁹ is selected from the group consisting of hydrogen, (C₁-C₆)alkyl, (C₆-C₁₀)aryl, (C₆-

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 C_6)alkyl, (C_6-C_{10}) aryl, (C_6-C_{10}) aryl (C_1-C_6) alkyl, hydroxy, (C_1-C_6) alkoxy, hydroxy (C_1-C_6) alkyl, (C_1-C_6) alkoxy (C_1-C_6) alkyl, amino, (C_1-C_6) alkylamino, $((C_1-C_6)$ alkyl)₂amino, (C_1-C_6) alkyl C₆)alkylcarbonylamino, (C₃-C₈)cycloalkylcarbonylamino, (C₃-C₈)cycloalkyl(C₁-C₆)alkylcarbonylamino, (C₁-C₆)alkoxycarbonylamino, (C₁-C₆)alkylsulfonylamino, (C₆-C₁₀)arylcarbonylamino, (C₁-C₆)alkoxycarbonyl(C₁-C₆)alkylcarbonylamino, (C₆-C₁₀)aryl(C₁- C_6)alkylcarbonylamino, ((C_6 - C_{10})aryl(C_1 - C_6)alkylcarbonyl)((C_1 - C_6)alkyl)amino, (C_1 -C₆)alkylcarbonylamino(C₁-C₆)alkyl, (C₃-C₈)cycloalkylcarbonylamino(C₁-C₆)alkyl, (C₁- $C_6) alkoxy carbonylamino (C_1-C_6) alkyl, (C_2-C_9) heterocycloalkyl carbonylamino (C_1-C_6) alkyl, (C_6-C_9) alk$ $C_{10}) aryl (C_1 - C_6) alkyl carbonylamino (C_1 - C_6) alkyl, \ (C_2 - C_9) heteroaryl carbonylamino (C_1 - C_6) alkyl, \ (C_2 -$ (C₆-C₁₀)arylsulfonylamino, (C₁-C₆)alkylsulfonylamino(C₁-C₆)alkyl, aminocarbonylamino, (C₁-C₆)alkylaminocarbonylamino, halo(C₁-C₆)alkylaminocarbonylamino, ((C₁-C₆)alkyl)₂aminocarbonylamino, aminocarbonylamino(C₁-C₆)alkyl, (C₁- $C_6) alkylamino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_2 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_2 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_3 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_4 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_5 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_6 amino carbonylamino (C_1-C_6) alkyl, ((C_1-C_6) alkyl)_7 amino (C_1-C_6) alkyl, ((C_1-C_6) alkyl, ((C_1-C_6) alkyl)_7 amino (C_1-C_6) alkyl, ((C_1-C_6) alkyl, ((C_1-C_6) alkyl)_7 amino (C_1-C_6) alkyl, ((C_1-C_6) alkyl,$ $halo(C_1-C_6) alkylamino carbonylamino (C_1-C_6) alkyl, \ amino (C_1-C_6) alkyl, \ (C_1-C_6) alkylamino (C_1-C_6$ C6)alkyl, ((C1-C6)alkyl)2amino(C1-C6)alkyl, carboxy(C1-C6)alkyl, (C1-C6)alkoxycarbonyl(C1-C₆)alkyl, aminocarbonyl(C₁-C₆)alkyl and (C₁-C₆)alkylaminocarbonyl(C₁-C₆)alkyl;

with the proviso that when R^4 is phenyl or pyridyl, Q is (C_1-C_6) alkyl, q is 0 or 1. R^5 can be selected from the group consisting of carboxy(C_1-C_6)alkylaminocarbonylamino, (C_2-C_9)heteroarylaminocarbonylamino, ((C_1-C_6) alkylamino)((C_6-C_{10}) aryl((C_1-C_6) alkyl, amino((C_1-C_6) alkyl, aminocarbonyl, ureido((C_1-C_6) alkylcarbonylamino, ((C_1-C_6) alkylcarbonylamino((C_1-C_6) alkylcarbonylamino, and ((C_1-C_6) alkylcarbonylamino, and ((C_1-C_6) alkylcarbonylamino).

- 2. (Previously Amended) A compound according to claim 1, wherein \mathbb{R}^1 is hydrogen, halo, cyano, nitro, trifluoromethyl, trifluoromethoxy, (C_1-C_6) alkyl, hydroxy or (C_1-C_6) alkylcarbonyl.
- 3. (Previously Amended) A compound according to claim 1, wherein c is 1; X is C(O) or CH₂; d is 1; and Z is oxygen, NH, or CR¹¹R¹².

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- 4. (Original) A compound according to claim 1, wherein R⁴ is (R⁵)_f(C₆-C₁₀)aryl or (R⁵)_f(C₂-C₉) heteroaryl, wherein f is 1 or 2.
- 5. (Currently Amended) A compound according to claim 1, wherein c is 1; X is C(O); d is 1; Z is oxygen or CR¹¹R¹²; W is nitrogen or CH; and l, m and k are zero, zero and 2 or 3 respectively, or k, l, and m are zero, zero and 2 or 3 respectively.
- (Currently Amended) A compound according to claim 1, wherein R4 is phenyl, Q is (C1-6. C₆)alkyl, q is 0 or 1, and at least one R⁵ is selected from: (C₂-C₉)heteroarylaminocarbonyl, (C₂-C₉)heteroarylcarbonylamino, (C₁-C₆)alkylsulfonylaminocarbonyl, aminosulfonylaminocarbonyl, carboxy(C1-C6)alkylcyanoguanidino, carboxy, (C2-C9)heteroarylamino, (C2-C9)heteroarylsulfonyl, (C_2-C_9) heteroaryl, (C_2-C_9) heteroaryloxy, (C_2-C_9) heteroarylcarbonyl, (C_2-C_9) heteroaryl (C_1-C_9) heteroaryl C₆)alkylcarbonyl, carboxy(C₁-C₆)alkylaminocarbonylamino, (C₂- $C_9) heteroary lamino carbony lamino, carboxy (C_1-C_6) alkylcarbony lamino, (C_2-C_9) heteroary l(C_1-C_6) alkylcarbony lamino, (C_2-C_9) heteroary l(C_1-C_9) heteroary l(C_1-C_9$ C_6) alkylamino, carboxy (C_1 - C_6) alkylamino carbonyl, carboxy (C_1 - C_6) alkylamino, (C_2 - C_9)heteroarylaminosulfonyl, carboxy(C_1 - C_6)alkylsulfonyl, carboxy(C_1 - C_6)alkylamino, carboxy(C_1 - C_6)alkylsulfonyl, carboxy(C_1 - C_6)al C_6)alkylcarbonyl, carboxy(C_1 - C_6)alkoxy, carboxy(C_1 - C_6)alkoxycarbonylamino, $C_6) alkoxy, carboxy (C_1-C_6) alkyłamino (C_2-C_6) alkoxy, (C_2-C_9) heteroary lamino (C_2-C_9) heteroary la$ $amino(C_1-C_6) alkylcarbonyl, (C_1-C_6) alkylamino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkyl)_2 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_2 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_3 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_4 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_5 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_6 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_6 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_6 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_7 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_8 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_9 amino(C_1-C_6) alkylcarbonyl, ((C_1$ C_6) alkylcarbonyl, amino (C_1-C_6) alkylcarbonylamino, (C_1-C_6) alkylcarbonylamino, $((C_1-C_6)alkyl)_2 amino (C_1-C_6)alkyl carbonylamino, amino (C_1-C_6)alkyl ureido, (C_1-C_6)alkyl amino (C_1-C_$ C_6) alkylureido, $((C_1-C_6)$ alkyl) 2 amino (C_1-C_6) alkylureido, amino (C_1-C_6) alkylsulfonylamino, (C_1-C_6) alkylsulfonylamino, (C_1-C_6) alkylureido, amino (C_1-C_6) alkylsulfonylamino, (C_1-C_6) alkyls $C_6) alkylamino (C_1-C_6) alkylsul fonylamino, ((C_1-C_6) alkyl)_2 amino (C_1-C_6) alkylsul fonylamino, ((C_1-C_6) alkylsul$ $amino(C_1-C_6)alkylsulfonyl, (C_1-C_6)alkylamino(C_1-C_6)alkylsulfonyl, ((C_1-C_6)alkyl)_2 amino(C_1-C_6)alkylsulfonyl, ((C_1-C_6)alkylsulfonyl)_2 amino(C_1-C_6)alkylsulfonyl, ((C_1-C_6)alkylsulfo$ C₆)alkylsulfonyl, amino(C₁-C₆)alkylcyanoguanidino, (C₁-C₆)alkylamino(C₁- C_6)alkylcyanoguanidino, ((C_1 - C_6)alkyl) $_2$ amino(C_1 - C_6)alkylcyanoguanidino, amino(C_1 -C₆)alkylaminosulfonyl, (C₁-C₆)alkylamino(C₁-C₆)alkylaminosulfonyl, ((C₁-C₆)alkyl)₂amino(C₁- $C_6) alkylaminosulfonyl, ((C_1-C_6)alkylamino) (C_6-C_{10}) aryl (C_1-C_6)alkyl, amino, amino (C_1-C_6)alkoxy, amino (C_1-C_6)alkylaminosulfonyl, ((C_1-C_6)alkylamino) (C_6-C_{10}) aryl (C_1-C_6)alkylamino) (C_6-C_{10}) aryl (C_1-C_6) alkylamino) (C_6-C_{10}) aryl (C_6-C_{10}) ar$

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amino(C_1 - C_6)alkoxycarbonylamino, (C_1 - C_6)alkylamino, ((C_1 - C_6)alkyl)2amino, (C_6 - C_{10})arylamino, (C_6 - C_{10})aryl(C_1 - C_6)alkylamino, amino(C_1 - C_6)alkylamino, (C_2 - C_9)heterocycloalkylamino, (C_3 - C_9)heteroarylamino, (C_3 - C_{10})cycloalkyl(C_1 - C_6)alkyl)amino, (amino(C_1 - C_6)alkyl)aminocarbonyl, glycinamido, (C_1 - C_6)alkylglycinamido, alaninamido, (C_1 - C_6)alkylalaninamido, ((C_4 - C_6)alkyl)2amino(C_1 - C_6)alkylcarbonylamino, halo, (C_1 - C_6)alkoxy, (C_1 - C_6)alkyl, halo(C_1 - C_6)alkylureido, (C_1 - C_6)alkylcarbonyl, (C_1 - C_6)alkylsulfonylamino, (C_1 - C_6)alkylaminocarbonyl, aminocarbonyl, aminocarbonyl, ureido(C_1 - C_6)alkylaminocarbonyl, aminocarbonyl, aminocarbonyl(C_1 - C_6)alkylcarbonylamino, ureido(C_1 - C_6)alkylcarbonylamino, (C_1 - C_6)alkylcarbonylamino, (C_1 - C_6)alkylcarbonylamino, ureido, halo(C_1 - C_6)alkylsulfonylamino, (C_1 - C_6)alkylcarbonylamino, ureido, halo(C_1 - C_6)alkylsulfonylamino, (C_1 - C_6)alkylcarbonylamino, ureido,

(Currently Amended) A compound according to claim 1, wherein R4 is pyridyl, Q is (C1-7. C₆)alkyl, q is 0 or 1, and at least one R⁵ is selected from: (C₂-C₉)heteroarylaminocarbonyl, (C₂-C₉)heteroarylcarbonylamino, (C₁-C₆)alkylsulfonylaminocarbonyl, aminosulfonylaminocarbonyl, $carboxy (C_1-C_6) alkyl cyanoguanidino, \ carboxy, \ (C_2-C_9) heteroary lamino, \ (C_2-C_9) heteroary lsulfonyl,$ $(C_2-C_9) heteroaryl, (C_2-C_9) heteroaryloxy, (C_2-C_9) heteroaryl (C_1-C_9) heteroaryl (C_1-C_9) heteroaryloxy, (C_2-C_9) heteroaryloxy, (C_2-$ C₆)alkylcarbonyl, carboxy(C₁-C₆)alkylaminocarbonylamino, (C₂- $C_9) heteroary lamino carbony lamino, carboxy (C_1-C_6) alkylcarbony lamino, (C_2-C_9) heteroary l(C_1-C_6) alkylcarbony lamino, (C_2-C_9) heteroary l(C_1-C_9) heteroary l(C_1-C_9$ C_6) alkylamino, carboxy (C_1-C_6) alkylamino carbonyl, carboxy (C_1-C_6) alkylamino, (C_2-C_6) alkylamino, carboxy (C_1-C_6) alkylamino, (C_2-C_6) alkylamino, carboxy (C_1-C_6) alkylamino, (C_2-C_6) alkylamino, (C_2-C_6) alkylamino, (C_3-C_6) alkyl C₉)heteroarylaminosulfonyl, carboxy(C₁-C₆)alkylsulfonyl, carboxy(C₁-C₆)alkylamino, carboxy(C₁-C₆)alkylcarbonyl, carboxy(C₁-C₆)alkoxy, carboxy(C₁-C₆)alkoxycarbonylamino, hydroxyaminocarbonyl, (C1-C6)alkylsulfonylaminocarbonyl(C1-C6)alkoxy, (C2-C9)heteroaryl(C1-C1-C6)alkylsulfonylaminocarbonyl $C_6) alkoxy, carboxy (C_1-C_6) alkylamino (C_2-C_6) alkoxy, (C_2-C_9) heteroarylamino (C_2-C_6) alkoxy, (C_2-C_9) heteroarylamino (C_2-C_6) alkoxy, (C_2-C_9) heteroarylamino (C_2-C_6) alkoxy, (C_2-C_9) heteroarylamino (C_2-C$ $amino(C_1-C_6) alkylcarbonyl, (C_1-C_6) alkylamino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkyl)_2 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_2 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_3 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_4 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_5 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_6 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_6 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_7 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_8 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_9 amino(C_1-C_6) amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_9 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_9 amino(C_1-C_6) alkylcarbonyl, ((C_1-C_6) alkylcarbonyl)_9 amino(C_1-C_6) alkyl$ $C_6) alkyl carbonyl, amino (C_1-C_6) alkyl carbonylamino, (C_1-C_6) alkyl amino (C_1-C_6) alkyl carbonylamino, (C_1-C_6) a$ $((C_1-C_6)alkyl)_2amino(C_1-C_6)alkylcarbonylamino, amino(C_1-C_6)alkylureido, (C_1-C_6)alkylamino(C_1-C_6)alkylureido, (C_1-C_6)alkylamino(C_1-C_6)alkylureido, (C_1-C_6)alkylureido, (C_1-C_6)alky$ $C_6) alkylureido, ((C_1-C_6)alkyl)_2 amino (C_1-C_6) alkylureido, amino (C_1-C_6) alkylsulfonylamino, (C_1-C_6) alkylureido, amino (C_1-C_6) alkylureido, amino$ $C_6) alkylamino (C_1-C_6) alkylsulfonylamino, ((C_1-C_6)alkyl)_2 amino (C_1-C_6) alkylsulfonylamino, ((C_1-C_6)alkylsulfonylamino, ((C_1-C_6)alkylsulfonyl$

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 $amino(C_1-C_6) alkylsulfonyl, (C_1-C_6) alkylamino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkyl)_2 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_2 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_3 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_4 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_6 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_7 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_8 amino(C_1-C_6) alkylsulfonyl, ((C_1-C_6) alkylsulfonyl)_9 amino(C_1-C_6) alkylsulfonyl, ((C_1$ C₆)alkylsulfonyl, amino(C₁-C₆)alkylcyanoguanidino, (C₁-C₆)alkylamino(C₁- $C_6) alkylcyanoguanidino, ((C_1-C_6)alkyl)_2 amino (C_1-C_6)alkylcyanoguanidino, amino (C_1-C_6)alkylcyanoguanidino, amino (C_1-C_6)alkylcyanoguanidino, ((C_1-C_6)alkylcyanoguanidino, amino (C_1-C_6)alkylcyanoguanidino, ((C_1-C_6)alkylcyanoguanidino, amino (C_1-C_6)alkylcyanoguanidino, amino (C_1-C_6)alkylcyanoguan$ $C_6) alkylaminosulfonyl, (C_1-C_6) alkylamino (C_1-C_6) alkylaminosulfonyl, ((C_1-C_6) alkyl)_2 amino (C_1-C_6) alkylaminosulfonyl, (C_1-C_6) alkylaminosulfonyl, ((C_1-C_6) alkylaminos$ $C_6) alkylaminosulfonyl, ((C_1-C_6)alkylamino) (C_6-C_{10}) aryl (C_1-C_6)alkyl, amino, amino (C_1-C_6)alkoxy, amino (C_1-C_6)alkylaminosulfonyl, ((C_1-C_6)alkylamino) (C_6-C_{10}) aryl (C_1-C_6)alkylamino) (C_6-C_{10}) alkylamino) (C_6-C_{10}) aryl (C_1-C_6) aryl (C_1-C_6$ $amino(C_1-C_6) alkoxy carbonylamino, (C_1-C_6) alkylamino, ((C_1-C_6) alkyl)_2 amino, (C_6-C_{10}) arylamino, (C_6-C_{10}) a$ (C₆-C₁₀)aryl(C₁-C₆)alkylamino, amino(C₁-C₆)alkylamino, (C₂-C₉)heterocycloalkylamino, (C₂- $\underline{C_0)} heteroarylamino, (C_3-C_{10}) cycloalkyl (C_1-C_6) alkyl) amino, (amino (C_1-C_6) alkyl) amino carbonyl,$ glycinamido, (C_1-C_6) alkylglycinamido, alaninamido, (C_1-C_6) alkylalaninamido, $((C_1-C_6)$ alkyl)2 amine(C1-C6)alkylearbonylamine, aminocarbonyl(C1-C6)alkylureido, (C1-C6)alkylcarbonyl, (C1- C_6) alkylsulfonylamino, (C_1-C_6) alkylsulfonylamino (C_1-C_6) alkylamino carbonyl, amino sulfonyl, aminocarbonyl, ureido(C1-C6)alkylaminocarbonyl, aminocarbonyl(C1-C6)alkylaminocarbonyl, aminocarbonyl(C1-C6)alkylcarbonylamino, ureido(C1-C6)alkylcarbonylamino, (C1-C₆)alkylcarbonylamino(C₁-C₆)alkylcarbonylamino, (C₁-C₆)alkylcarbonylamino(C₁-C₆)alkylaminocarbonylamino, ureido, halo(C₁-C₆)alkylsulfonylamino, (C₁-C₆)alkylcarbonylamino(C₁-C₆)alkylaminocarbonyl.

(Previously Amended) Salts of a compound according to claim 1, where pharmaceutically 8. acceptable counter-ions for acidic compounds are selected from alkali metal cations, alkaline earth metal cations ammonium or water-soluble amine addition salts, N-methylglucamine-(meglumine), the lower alkanolammonium and other base salts of pharmaceutically acceptable organic amines; and pharmaceutically acceptable salts selected from hydrochloride, hydrobromide, hydroiodide, nitrate, sulfate, bisulfate, phosphate, acid phosphate, acetate, lactate, citrate, acid citrate, tartrate, bitartrate, succinate, maleate, fumarate, gluconate, saccharate, benzoate, methanesulfonate, ethanesulfonate, benzenesulfonate, p-toluenesulfonate and pamoate salts.

Claims 9-14 (Cancelled)

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